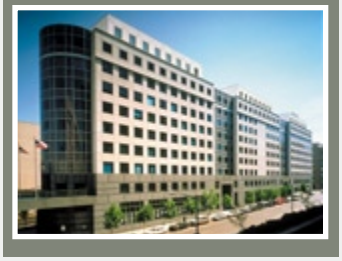
Seminar Series

Join us the second Thursday of every month for a series of "brown bag" seminars, sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy (DOE). Each seminar is held at NREL's Washington, D.C., office or in Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



Web Access and Call-In Information

Log-In Info
URL for log-in:
https://www.mymeetings.com/nc/join/
Conference Number: SA306396
(no passcode is needed)

You also can join the event directly at
http://www.mymeetings.com/nc/join.php?i=SA306396

Call-In Info
To call in: 1-877-989-1543
Passcode: 8864359

NREL
National Renewable Energy Laboratory
Innovation for Our Future

The Global Pursuit for Methane Hydrates: Advances in Exploration and Present Hurdles

A seminar presented by DOE/EERE's Office of Planning, Budget, and Analysis and NREL's Strategic Energy Analysis Center

Kelly Rose, Geologist
Methane Hydrates Field Studies Group, National Energy Technology Laboratory

Thursday, January 8, 2009
10 – 11 a.m. (Golden, Colo.)
Noon – 1 p.m. (Washington, D.C.)
(The seminar is also offered via conference call or Internet conferencing. See the log-in and call-in information below. An RSVP is required to ensure that we have enough phone lines and/or seats. **The presenter will be in Washington, D.C.**)

Kelly Rose

Since 2000, the National Methane Hydrate R&D Program has supported a wide range of laboratory, engineering, and field projects that improve the understanding of methane hydrates (an ice-like substance in which methane molecules are trapped inside a lattice of water molecules). The program has examined the fundamental nature of hydrates, hydrate-bearing sediments, and the interaction between global methane hydrate accumulations and the world's oceans and atmosphere. The National Energy Technology Laboratory's (NETL's) Methane Hydrates Field Studies Laboratory supports these goals by conducting geologically based studies of gas hydrate systems. NETL also is working with domestic and international collaborators to produce integrated geologic assessments and characterizations. To date, there have been a limited number of large-scale field-scale studies of gas hydrate systems worldwide and each one has significantly improved our understanding of these vast accumulations. Kelly Rose (research lead) will provide an overview of NETL's work, outline how it supports the goals of the program, and discuss plans for future studies including areas such as climate and seafloor stability.

Kelly Rose is a geologist in the National Energy Technology Laboratory's (NETL) Office of Research & Development (ORD). At NETL, Rose is the research lead of the Methane Hydrates Field Studies Laboratory. Since 2006 she has participated in energy- and climate-related, methane hydrate research expeditions in India's Bay of Bengal, South Korea's East Sea, the South China Sea, the U.S. Gulf of Mexico, the North Slope of Alaska, Canada's Cascadia Margin, and is serving as lead sedimentologist in an international Beaufort Sea expedition in 2009. Previously, she worked as an exploration/exploitation geologist for Marathon Oil Company in Oklahoma, Texas, and Wyoming. She completed a master's thesis in structural geology at Virginia Tech in 1999 and completed an undergraduate research thesis and bachelor's degree in geology from Denison University in 1996.

Golden, Colo., information

1617 Cole Blvd., Golden, Colorado
Building 3, Conference Room 170.

Please contact Kalia Kehoe at kalia_kehoe@nrel.gov or 303-384-7439

Washington, D.C., information

901 D Street SW (adjacent to the Forrestal Building) or 370 L'Enfant Promenade. Ninth Floor.

Please contact Wanda Addison, of Midwest Research Institute (MRI), at wanda_addison@nrel.gov or 202-488-2202

For more information on NREL analysis, please visit
www.nrel.gov/analysis